

RECEIVED

AUG 23 2000

TECH CENTER 1600-2200

✓ Claim 2, line 9, delete "of".

✓ Claim 2, line 10, after "b)", insert -- or d) a sequence which is a fragment of a)---

HA/ 3. (Amended) A cellular [Cellular] expression vector, comprising a sequence according to Claim 2, wherein said sequence is [placed] upstream of a DNA sequence encoding a cytotoxic product.

4. (Amended) Vector according to Claim 3, [characterized in that] wherein the cytotoxic product is a protease [and preferably a subtilisin].

✓ Claim 5, line 2, delete "or 4".

✓ Claim 6, line 1, replace "Plants" with --A plant--.

✓ Claim 7, line 1, replace "Plants with " with --A plant having--.

Please amend Claim 8-12 as follows:

2 ✓ 8. (Amended) Method for producing [plants] a plant with gametophytic male sterility with inducible fertility, comprising: [- the insertion into plants of a line A of] inserting into one or more plant cells a gene, wherein the [whose] expression product of said gene is cytotoxic [for the microspores,] to a microspore; and [- the production of plants] producing a plant therefrom which [do] does not produce a male gamete[s].

PA ✓ Sub D3 9. (Amended) Method [for producing plants with gametophytic male sterility with inducible fertility] according to Claim 8, wherein said gene is inserted as a [comprising the steps of: a) transformation of plants of a line A with] a vector comprising a nucleotide sequence, wherein said nucleotide sequence comprises (i) the sequence which stretches from nucleotide 1 to nucleotide 2111 of SEQ ID No. 3, or (ii) a sequence which hybridizes to the sequence according to (i), or (iii) a sequence which has at least 80% homology with (i) or (ii), or a sequence which is a fragment of (i), wherein said sequence is upstream of a DNA sequence encoding a cytotoxic product; [according to Claim 3 or 4, b) induction of the fertility of the plants obtained in a) by inhibition of] and further comprising inhibiting the cytotoxicity of the gene product, thereby inducing the fertility of the plant; [c)] self-[fertilization of the plants] fertilizing the fertile [plants] plant; and [obtained in b), d) selection of the] selecting any plants which do not produce male gametes[, derived from c), e) multiplication of the plants obtained in d) by reproduction of steps b) and c)].

10. (Amended) Method [for producing plants] according to Claim 8 [or 9], [characterized in that, when] wherein the cytotoxic product is a subtilisin, [the induction of the fertility consists in] and wherein said inducing step comprises applying to the plant an insecticide molecule of the fluorophosphate family.

11. (Amended) A [Seeds] seed [derived from the hybrid plants] obtained by crossing (1) a plant [plants of line A, ] which has [have] gametophytic male sterility with inducible fertility[, according to claim 7 or as obtained by using the method according to one of Claims 8 to 10,] and comprises a gene encoding a male-gamete-specific cytotoxic product with (2) a plant [plants of line B of] having agronomic value.

12. (Amended) A [plants] plant according to claim 7, [or obtained by using a method according to any one of Claims 8 to 10, characterized in that they belong] wherein said plant belongs to the [Brassicacea] Brassicacea family [and preferably in that they are rape].

Please add the following new Claims 13-18:

-- 13. A method according to claim 9, further comprising: multiplying the plants obtained in step d) by reproducing steps b) and c).

14. A seed derived from the plant obtained by the method according to claim 8.

15. A plant according to claim 12, wherein said plant is rape.

16. A plant obtained by the method of claim 8, wherein said plant belongs to the Brassicacea family.

17. A plant according to claim 16, wherein said plant is rape.

18. A vector according to claim 4, wherein the cytotoxic product is a subtilisin.--